

**PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT
ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137(b)**

Docket Number (Optional)
30275/939B

First named inventor: Gerard Mourou

Application No: 09/775,069-Conf. #1906

Art Unit: 1725

Filed: February 1, 2001

Examiner: G. S. Evans

Title: METHOD FOR CONTROLLING CONFIGURATION OF LASER INDUCED BREAKDOWN
AND ABLATION

Attention: Office of Petitions

Mail Stop Petition

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

FAX (571) 273-8300

NOTE: If information or assistance is needed in completing this form, please contact Petitions
Information at (571) 272-3282.

The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the office notice or action plus an extensions of time actually obtained.

APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION

NOTE: A grantable petition requires the following items:

- (1) Petition fee;
- (2) Reply and/or issue fee;
- (3) Terminal disclaimer with disclaimer fee – required for all utility and plant applications filed before June 8, 1995; and for all design applications; and
- (4) Statement that the entire delay was unintentional.

1. Petition fee

☒ Small entity – fee \$ 810.00 (37 CFR 1.17(m)). Applicant claims small entity status.
See 37 CFR 1.27.

☐ Other than small entity – fee \$ _____ (37 CFR 1.17(m))

2. Reply and/or fee

A. The reply and/or fee to the above-noted Office action in

the form of Resubmission Of Response To December 29, 2009 Final Action
& Petition Under 37 C.F.R. § 1.183 (identify type of reply):

☐ has been filed previously on _____.

☒ is enclosed herewith.

B. The issue fee and publication fee (if applicable) of \$ _____.

☐ has been paid previously on _____.

☐ is enclosed herewith.

3. Terminal disclaimer with disclaimer fee

- ☒ Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required.
- ☐ A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of \$ _____ for a small entity or \$ _____ for other than a small entity) disclaiming the required period of time is enclosed herewith (see PTO/SB/63).

4. STATEMENT: The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional. [NOTE: The United States Patent and Trademark Office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137(b) was unintentional (MPEP 711.03(c), subsections (III)(C) and (D)).]

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.



Signature

September 4, 2009

Date

Paul B. Stephens

Typed or printed name

47,970

Registration Number, if applicable

MARSHALL, GERSTEIN & BORUN LLP
233 S. Wacker Drive, Suite 6300
Sears Tower
Chicago, Illinois 60606-6357

Address

(312) 474-6300

Telephone Number

Enclosures: ☒ Fee Payment

☒ Reply

☐ Terminal Disclaimer Form

☐ Additional sheets containing statements establishing unintentional delay

☐ Other: _____

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Gerard Mourou et al.

Application No.: 09/775,069

Confirmation No.: 1906

Filed: February 1, 2001

Art Unit: 1725

For: METHOD FOR CONTROLLING
CONFIGURATION OF LASER INDUCED
BREAKDOWN AND ABLATION

Examiner: G. S. Evans

RESUBMISSION OF RESPONSE TO DECEMBER 29, 2009 FINAL ACTION

&

PETITION UNDER 37 C.F.R. § 1.183

Office of Petitions
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Madam:

This paper is being submitted in response to the July 29, 2009 decision to dismiss the June 29, 2009 petition under 37 C.F.R. § 1.47, indicating that that petition should have been under 37 C.F.R. § 1.183.

As establish below, one of the joint inventors who had previously executed numerous declarations in this application, including a prior supplemental declaration, has refused to sign the current supplemental declaration. All other inventors have signed however.

Pursuant to MPEP 1414.01, applicant respectfully petitions the Commissioner under 37 C.F.R. § 1.183 to suspend the requirement under 37 C.F.R. § 1.175 that all of the inventors must sign the supplemental reissue declaration, and to waive the signature

requirement for the non-signing inventor. It is requested that, based on the following, the attached supplemental declaration be accepted and entered.

The June 29, 2009 petition include the fee set forth under 37 C.F.R. §1.17(g). The fee required for petition under 37 C.F.R. 1.183 is set forth under 37 C.F.R. §1.17(f). It is, therefore, believed that only the difference between the two fees (\$200) is required. Please charge that fee to Deposit Account No. 13-2855.

REMARKS

Claims 46-67 are pending and at issue. The office action and the subsequent February 11, 2009 advisory action have confirmed that claims 46-67 are allowable over the prior art.

The only rejection in this case is that of claims 46-67, which are rejected as based upon a defective reissue declaration. The office action acknowledges that the original reissue declaration filed with the parent reissue application lists specific errors corrected in the present divisional application. The office action points out, however, that additional errors (stemming from amendments during prosecution of this divisional application) are also now being addressed by the conditionally-allowed claims.

Accordingly, applicant has submitted herein an executed supplemental reissue declaration (now the third such supplemental) under 37 C.F.R. § 1.175(b) (*Ex. A*). The supplemental reissue declaration is executed by all of the inventors, except Ron Kurtz who has refused to execute. Thus, pursuant to 37 C.F.R. § 1.183 and the accompanying Statement of Facts of Richard A. Brandon (*Ex. B*), applicant petitions acceptance of the supplemental reissue declaration, and allowance of this application.

Mr. Kurtz executed the original reissue declaration in the parent application on July 22, 1999 (*Ex. C*). Mr. Kurtz subsequently executed two supplemental declarations in the present divisional application, one on February 24, 2004 (*Ex. D*), and another on September 15, 2007 (*Ex. E*). As indicated in the attached Statement of Facts (*Ex. B*), representatives for the assignee repeatedly contacted Mr. Kurtz beginning on or about February 2, 2009 of this

year to have Mr. Kurtz complete a third supplemental reissue declaration pertaining to amendments made to the claims in the fall of 2008 and early 2009. After repeated email communications with Mr. Kurtz, requesting that he execute the third supplemental reissue declaration, Mr. Kurtz would not sign. As indicated, the last attempt at reaching Mr. Kurtz was made June 29, 2009, via email, and Mr. Kurtz had refused to respond or otherwise provide an executed third supplemental reissue declaration.

An assignment of the invention in favor of The Regents of the University of Michigan has been previously submitted.

CONCLUSION

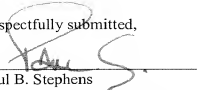
On the basis of these facts and for the foregoing reasons, it is solicited that the attached supplemental reissue declaration be accepted under 37 C.F.R. 1.183.

Should the Petitions Officer have any question of form or substance, he or she is encouraged to contact the undersigned attorney at the telephone number and address listed below.

This petition is accompanied by a petition to revive for unintentional abandonment, under 35 C.F.R. 1.137(b).

Dated: September 4, 2009

Respectfully submitted,

By 
Paul B. Stephens

Registration No.: 47,970
MARSHALL, GERSTEIN & BORUN LLP
233 S. Wacker Drive, Suite 6300
Sears Tower
Chicago, Illinois 60606-6357
(312) 474-6300
Attorney for Applicant

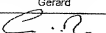
Approved for use through 09/01/2010 - OMB 0651-0033
 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
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SUPPLEMENTAL DECLARATION FOR REISSUE PATENT APPLICATION TO CORRECT "ERRORS" STATEMENT (37 CFR 1.175)	Attorney Docket Number	30275/939B
	First Named Inventor	Gerard Mourou
	COMPLETE if known	
	Application Number	09/775,069-Conf. #1806
	Filing Date	February 1, 2001
	Art Unit	1725
Examiner Name	G. S. Evans	

I/We hereby declare that:

Every error in the patent which was corrected in the present reissue application, and which is not covered by the prior oath(s) and/or declaration(s) submitted in this application, arose without any deceptive intention on the part of the applicant.

I/We hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of First Inventor:	<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))	Family Name or Surname
Gerard	Mourou
Inventor's Signature 	Date 1/9/3/2009
Name of Second Inventor:	<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))	Family Name or Surname
Detaro	Du
Inventor's Signature	Date

☒ Additional inventor or legal representative(s) are being named on the 1 supplemental sheet(s) PTO/SB/00A or 02.R attached hereto.

SUPPLEMENTAL DECLARATION FOR REISSUE PATENT APPLICATION TO CORRECT "ERRORS" STATEMENT (37 CFR 1.175)	Attorney Docket Number	30275/939B
	First Named Inventor	Gerard Mourou
	COMPLETE if known	
	Application Number	09/775,069-Conf #1906
	Filing Date	February 1, 2001
	Art Unit	1725
	Examiner Name	G. S. Evans

I/We hereby declare that:

Every error in the patent which was corrected in the present reissue application, and which is not covered by the prior oath(s) and/or declaration(s) submitted in this application, arose without any deceptive intention on the part of the applicant.

I/We hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Gerard		Mourou	
Inventor's Signature		Date	
Name of Second Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Detao		Du	
Inventor's Signature		Date	02/11/09

☒ Additional inventors or legal representative(s) are being named on the 1 supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.

DECLARATION **ADDITIONAL INVENTOR(S)**
 Supplemental Sheet Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Subrata K.		Dutta	
Inventor's Signature	<i>Subrata Dutta</i>	Date	2/2/09
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Victor M.		Elmer	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Ronald M.		Kurtz	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Paul R.		Lichter	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Zinbing		Liu	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Peter P.		Pronko	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Jeffrey A.		Squiber	
Inventor's Signature		Date	

PTX55853A (01-07)

U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it carries a valid OMB control number.

DECLARATION

Supplemental Sheet

PAGE 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle, if any)		Family Name or Surname	
Subramia K.		Dulla	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle, if any)		Family Name or Surname	
Victor M.		Elnor	
Inventor's Signature		Date 02/13/09	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle, if any)		Family Name or Surname	
Ronald M.		Kurtz	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle, if any)		Family Name or Surname	
Paul R.		Lichler	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle, if any)		Family Name or Surname	
Zinbing		Lai	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle, if any)		Family Name or Surname	
Pistor P.		Pronko	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle, if any)		Family Name or Surname	
Jeffrey A.		Saguler	
Inventor's Signature		Date	

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DECLARATION**ADDITIONAL INVENTOR(S)**
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Page 1 of 1

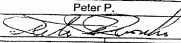
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Subrata K.		Dutta
Inventor's Signature		Date
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Victor M.		Einer
Inventor's Signature		Date
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Ronald M.		Kurtz
Inventor's Signature		Date
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Paul R.		Lichter
Inventor's Signature	<i>Paul R. Lichter</i>	Date 2-12-2009
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Zinbing		Liu
Inventor's Signature		Date
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Peter P.		Pronko
Inventor's Signature		Date
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Jeffrey A.		Squier
Inventor's Signature		Date

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		Page 1 of 1
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Victor M.	Einer	
Inventor's Signature	Date	
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Inventor's Signature	Date	
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Given Name (first and middle (if any))	Family Name or Surname	
Paul R.	Lichter	
Inventor's Signature	Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))	Family Name or Surname	
Xinbing	Liu	
Inventor's Signature	Date	
		3/23/2009
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))	Family Name or Surname	
Peter P.	Pronko	
Inventor's Signature	Date	
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Given Name (first and middle (if any))	Family Name or Surname	
Jeffrey A.	Squier	
Inventor's Signature	Date	

DECLARATION

ADDITIONAL INVENTOR(S)
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Page 1 of 1

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Inventor's Signature		Date
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Zinbing		Liu
Inventor's Signature		Date
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Peter P.		Pronko
Inventor's Signature		Date Feb 20, 2009
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Jeffrey A.		Squier
Inventor's Signature		Date

DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet
Page 1 of 1	

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Subrata K.		Dutta
Inventor's Signature		Date

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Given Name (first and middle (if any))		Family Name or Surname
Victor M.		Einer
Inventor's Signature		Date

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Ronald M.		Kurtz
Inventor's Signature		Date

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Paul R.		Lichter
Inventor's Signature		Date

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Zinbing		Liu
Inventor's Signature		Date

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Peter P.		Prunko
Inventor's Signature		Date

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Jeffrey A.		Squier
Inventor's Signature		Date

Jeffrey A. Squier → Date 2/12/09

Docket No.: 30275/939B
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Gerard Mourou et al.

Application No.: 09/775,069

Confirmation No.: 1906

Filed: February 1, 2001

Art Unit: 1725

For: METHOD FOR CONTROLLING
CONFIGURATION OF LASER INDUCED
BREAKDOWN AND ABLATION

Examiner: G. S. Evans

STATEMENT OF FACTS OF RICHARD A. BRANDON UNDER 37 C.F.R. § 1.47

MS Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Madam:

I, RICHARD A. BRANDON, hereby state as follows:

1. I am authorized as Assistant General Counsel for the University of Michigan to make this statement on behalf of the assignee of the instant application, The Regents of the University of Michigan.

2. I make this statement to provide facts personally known to me concerning the circumstances surrounding the refusal of listed inventor, Ron Kurtz, to sign a new supplemental reissue declaration for the above-identified application.

3. On July 22, 1999, Mr. Kurtz executed the original reissue declaration for U.S. Application Serial No. 09/366,685, which is the parent application to the present divisional application.

4. After prosecution, on February 24, 2004, Mr. Kurtz executed a first supplemental reissue declaration pursuant to 37 C.F.R. 1.175. All other inventors executed the supplemental declaration as well.

5. After further prosecution, on September 15, 2007, Mr. Kurtz executed a second supplemental reissue declaration pursuant to 37 C.F.R. 1.175. All other inventors executed the supplemental declaration as well.

6. In response to additional amendments made after September 15, 2007, I contacted Mr. Kurtz and the other inventors on February 2, 2009 to have them execute a new (now third) supplemental reissue declaration to encompass any errors corrected after September 15, 2007.

7. On February 24, 2009, Mr. Kurtz requested information from me regarding the prosecution history.

8. On March 2, 2009, in response to Mr. Kurtz's request, I sent Mr. Kurtz a communication providing the further prosecution history detail he requested and asking him to sign the third supplemental reissue declaration so that it could be filed, along with the signatures of the other inventors, by the three-month deadline of March 29, 2009. I followed up on March 4, March 18 and March 24, 2009 asking Mr. Kurtz if he required any further information. On March 24, 2009, Mr. Kurtz requested additional information, and on March 25, I provided additional information concerning the prosecution history.

9. On March 25, 2009, Mr. Kurtz sent a communication confirming receipt of my earlier communications and acknowledging the additional information I provided to him regarding the prosecution history. Mr. Kurtz, however, did not sign the third supplemental declaration.

10. On June 16, 2009, I sent Mr. Kurtz a follow-up communication providing yet additional information. And on June 19, 2009, I sent Mr. Kurtz another reminder, attaching the third supplemental declaration and requesting that he execute the same. In the June 19, 2009 communication, I indicated to Mr. Kurtz that if we did not receive the executed third

supplemental reissue declaration from him by June 24, 2009, we would presume he was refusing to sign.

11. On June 23, 2009, Mr. Kurtz sent me another communication asking for information.

12. On June 25, 2009, I sent Mr. Kurtz yet another communication including information from the prosecution history that identified the errors that were sought for correction since the second supplemental declaration that he executed on September 15, 2007. I attached to the communication a listing of claims showing the amendments made after September 15, 2007. In that communication, I indicated to Mr. Kurtz that if we did not received the executed third supplemental reissue declaration from him by 5:00 EDT, June 26, 2009, we would presume that he was refusing to sign.

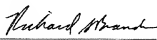
13. On June 26, 2009, Mr. Kurtz sent me another communication indicating that he was not able to find an identification of the errors being corrected. Mr. Kurtz again had not signed the third supplemental reissue declaration.

14. On June 29, 2009, in a last attempt to obtain Mr. Kurtz's execution of the supplemental reissue declaration, I sent Mr. Kurtz a final communication, indicating that the errors being corrected were in failing to claim as much as we should have, and indicating that we will assume he is not willing to sign the supplemental reissue declaration.

15. Mr. Kurtz has not responded.

16. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing therefrom.

Dated: 6/29/09


Richard A. Brandon

Attorney Docket: UM-939

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Gerard A. Mourou, Detao Du, Subrata K. Dutta,
Victor Elner, Ron Kurtz, Paul R. Lichter,
Xinbing Liu, Peter P. Pronko, Jeffrey A. Squier

U.S. Serial No.: 08/224,961

U.S. Patent No.: 5,656,186

Title: METHOD FOR CONTROLLING
CONFIGURATION OF LASER INDUCED
BREAKDOWN AND ABLATION

BROADENING REISSUE APPLICATION
OATH AND POWER OF ATTORNEY BY INVENTORS

As a below-named inventor, I hereby declare that:

(1) my residence, Post Office address and citizenship are as stated below next to my name.

(2) I believe original, first and joint inventors of the subject matter that is described and claimed in Letters Patent Number 5,656,186, granted on August 12, 1997, and in the foregoing specification attached hereto as originally filed on April 8, 1994, and for which invention I solicit a reissue application, are Gerard A. Mourou, Detao Du, Subrata K. Dutta, Victor Elner, Ron Kurtz, Paul R. Lichter, Xinbing Liu, Peter P. Pronko, and Jeffrey A. Squier.

(3) I hereby state that I have reviewed and understand the contents of the above-identified reissue application, including its specification and the claims as amended.

(4) I acknowledge the duty to disclose information which is material to the patentability of this reissue application in accordance with Title 37, Code of Federal Regulations, § 1.56 which I have read and understand.

Broadening Reissue Application Oath
and Power of Attorney by Inventors
U.S. Patent No. 5,656,186
Attorney Docket: UM-939

(5) I further declare that I do not know and do not believe that the invention claimed in the instant reissue application was ever known or used by others in this country before my invention thereof, or patented or described in any printed publication in any country before my invention thereof, or patented or described in any printed publication more than one year prior to the filing date of United States Patent No. 5,656,186, or described in any prior U.S. application in which the invention may have been disclosed, or in public use or on sale in the United States of America for more than one year prior to the filing date of United States Patent No. 5,656,186.

(6) I believe that United States Patent No. 5,656,186 to be partly inoperative. I believe United States Patent No. 5,656,186 is partly inoperative because independent claims 1, 7, 24, 33, 35, 36, and 37 are subject to an unintentionally narrow interpretation and, thus, less than I had a right to claim.

(7) In particular, I believe it was an error to use the term "focusing" in at least claims 1, 7, 24, 33, 35, 36 and 37 because it is subject to a unintentionally narrow interpretation.

(8) I further believe that it was an error to use the phrase "generating a beam of one or more laser pulses" in at least claims 1, 7, 33, 35, and 36 because it is subject to a unintentionally narrow interpretation.

(9) All errors which are being corrected in the present reissue application arose without any deceptive intention.

Broadening Reissue Application Oath
and Power of Attorney by Inventors
U.S. Patent No. 5,656,186
Attorney Docket: UM-939

POWER OF ATTORNEY:

I hereby appoint the following attorney(s) and/or agent(s) of the firm of Young & Basile, P.C.: Linda M. Deschere, Patent Office Registration No. 34,811; Thomas N. Young, Patent Office Registration No. 20,985; Andrew R. Basile, Patent Office Registration No. 24,753; William M. Hanlon, Jr., Patent Office Registration No. 28,422; Marshall G. MacFarlane, Patent Office Registration No. 30,403; Donald L. Wood, Patent Office Registration No. 20,014; Thomas D. Helmholdt, Patent Office Registration No. 33,181; Todd L. Moore, Patent Office Registration No. 36,874; Jason J. Young, Patent Office Registration No. 34,048; and Thomas E. Bejin, Patent Office Registration No. 37,089, as my attorney(s) and/or agent(s), to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith.

Send all correspondence to:

Young & Basile, P.C.
3001 West Big Beaver Road, Suite #624
Troy, Michigan 48084-3107
Phone: (248) 649-3333

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.


Full Name of Inventor Gerard A. Mouruo
Inventor's Signature (See Separate Document)
Date _____ Citizenship France
Residence 4151 Thomoaks Drive, Ann Arbor, Michigan 48104
Post Office Address (Same as Above)

Full Name of Inventor Detao Du
Inventor's Signature _____
Date _____ Citizenship China
Residence 34528 Alberta Terrace, Fremont, California 94555
Post Office Address (Same as Above)

Full Name of Inventor Subrata K. Dutta
Inventor's Signature (See Separate Document)
Date _____ Citizenship United States
Residence 1136 Prospect Avenue, #3, Ann Arbor, Michigan 48104
Post Office Address (Same as Above)

Broadening Reissue Application Oath
and Power of Attorney by Inventors
U.S. Patent No. 5,656,186
Attorney Docket: UM-939

Full Name of Inventor Victor Elner
Inventor's Signature (See Separate Document)
Date _____ Citizenship United States
Residence 1492 Morehead Drive, Ann Arbor, Michigan 48103
Post Office Address (Same as Above)

Full Name of Inventor Ron Kurtz
Inventor's Signature 
Date 7-22-99 Citizenship United States
Residence 2217 Vinewood, Ann Arbor, Michigan 48104
Post Office Address (Same as Above)

Full Name of Inventor Paul R. Lichter
Inventor's Signature (See Separate Document)
Date _____ Citizenship United States
Residence 1100 Wolverhampton, Ann Arbor, Michigan 48105
Post Office Address (Same as Above)

Full Name of Inventor Xinbing Liu
Inventor's Signature (See Separate Document)
Date _____ Citizenship China
Residence 3 Breezy Point Road, Acton, Massachusetts 01720
Post Office Address (Same as Above)

Full Name of Inventor Peter P. Pronko
Inventor's Signature (See Separate Document)
Date _____ Citizenship United States
Residence 7857 Baker Heights Court, Dexter, Michigan 48130
Post Office Address (Same as Above)

Full Name of Inventor Jeffrey A. Squier
Inventor's Signature (See Separate Document)
Date _____ Citizenship United States
Residence 10584 Wincheck Road, San Diego, California 92131
Post Office Address (Same as Above)

PTO/SB/015 (05-03)

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**SUPPLEMENTAL DECLARATION
 FOR REISSUE
 PATENT APPLICATION
 TO CORRECT "ERRORS" STATEMENT
 (37 CFR 1.175)**

Attorney Docket Number	2115D-000839/DVD
First Named Inventor	Gerald A. Mourou
COMPLETE	
Reissue Application No.	09/775,069
Filing Date	February 1, 2001
Art Unit	1725
Examiner Name	Geoffrey S. Evans

I/We hereby declare that:

Every error in the patent which was corrected in the present reissue application, and which is not covered by the prior oath(s) and/or declaration(s) submitted in this application, arose without any deceptive intention on the part of the applicant.

I/We hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Gerard A		Mourou	
Inventor's Signature	<i>Gerald A. Mourou</i>	Date	2/27/04
Name of Second Inventor		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Detao		Du	
Inventor's Signature		Date	
Name of Third Inventor		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Subrata K.		Dutta	
Inventor's Signature		Date	
Name of Fourth Inventor		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Victor		Elner	
Inventor's Signature		Date	

✓ Additional inventors or legal representatives(s) are being named on the 1 supplemental sheets PTO/SB/02A or 02LR attached hereto. This collection of information is required by 37 CFR 1.175. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT APPLICATION
TO CORRECT "ERRORS" STATEMENT
(37 CFR 1.175)**

Attorney Docket Number	2115D-000939/DVD
First Named Inventor	Gerald A. Mourou
	COMPLETE
Reissue Application No.	09/775,069
Filing Date	February 1, 2001
Art Unit	1725
Examiner Name	Geoffrey S. Evans

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Given Name (first and middle [if any])		Family Name or Surname	
Gerard A		Mourou	
Inventor's Signature		Date	
Name of Second Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Detao		Du	
Inventor's Signature		Date	2/23/04
Name of Third Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Subrata K.		Dutta	
Inventor's Signature		Date	
Name of Fourth Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Victor		Elner	
Inventor's Signature		Date	

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SUPPLEMENTAL DECLARATION FOR REISSUE PATENT APPLICATION TO CORRECT "ERRORS" STATEMENT (37 CFR 1.175)	Attorney Docket Number	2115D-000939/DVD
	First Named Inventor	Gerald A. Mourou
		COMPLETE
	Reissue Application No.	09/775,069
	Filing Date	February 1, 2001
	Art Unit	1725
	Examiner Name	Geoffrey S. Evans

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Given Name (first and middle (if any))		Family Name or Surname	
Gerard A		Mourou	
Inventor's Signature		Date	
Name of Second Inventor		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Detao		Du	
Inventor's Signature		Date	
Name of Third Inventor		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Subrata K.		Dutta	
Inventor's Signature	<i>Subrata Dutta</i>	Date	<i>2/21/04</i>
Name of Fourth Inventor		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Victor		Elnor	
Inventor's Signature		Date	

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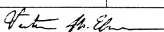
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SUPPLEMENTAL DECLARATION FOR REISSUE PATENT APPLICATION TO CORRECT "ERRORS" STATEMENT (37 CFR 1.175)		Attorney Docket Number	2115D-000939/DVD
		First Named Inventor	Gerald A. Mourou
		COMPLETE	
		Reissue Application No.	09/775,069
		Filing Date	February 1, 2001
		Art Unit	1725
		Examiner Name	Geoffrey S. Evans

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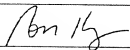
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Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Gerard A		Mourou	
Inventor's Signature		Date	
Name of Second Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Detao		Du	
Inventor's Signature		Date	
Name of Third Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Subrata K.		Dutta	
Inventor's Signature		Date	
Name of Fourth Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Victor		Elner	
Inventor's Signature		Date	02/2/04

✓ Additional inventors or legal representative(s) are being named on the 1 supplemental sheets PTO/SB/62A or Q2LR attached hereto.
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DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet Page 2 of 2
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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any)		Family Name or Surname	
Ron		Kurtz	
Inventor's Signature		Date	2/24/04
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any)		Family Name or Surname	
Paul R.		Lichter	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any)		Family Name or Surname	
Xinbing		Liu	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any)		Family Name or Surname	
Peter P.		Pronko	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any)		Family Name or Surname	
Jeffrey A.		Squier	
Inventor's Signature		Date	

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application.
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet
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Page 2 of 2

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any)		Family Name or Surname	
Ron		Kurtz	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any)		Family Name or Surname	
Paul R.		Lichter	
Inventor's Signature	<i>Paul R. Lichter</i>	Date	Feb 20, 2004
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any)		Family Name or Surname	
Xinbing		Liu	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any)		Family Name or Surname	
Peter P.		Pronko	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
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Jeffrey A.		Squier	
Inventor's Signature		Date	

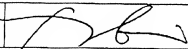
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 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet
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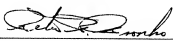
Page 2 of 2

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any)		Family Name or Surname	
Ron		Kurtz	
Inventor's Signature		Date	
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Given Name (first and middle if any)		Family Name or Surname	
Paul R.		Lichter	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any)		Family Name or Surname	
Xinbing		Liu	
Inventor's Signature		Date	2-24-04
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any)		Family Name or Surname	
Peter P.		Pronko	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
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Jeffrey A.		Squier	
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Xinbing		Liu	
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Given Name (first and middle if any)		Family Name or Surname	
Peter P.		Pronko	
Inventor's Signature		Date	2/18/2004
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any)		Family Name or Surname	
Jeffrey A.		Squier	
Inventor's Signature		Date	

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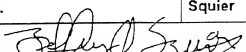
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PTO/SB/02A (08-03)

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Peter P.		Pronko	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any)		Family Name or Surname	
Jeffrey A.		Squier	
Inventor's Signature		Date	2/23/04

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by this public which is to file (and by the USPTO to process) an application.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTC/S&S/15 (07-07)

Approved for use through 07/31/2007. OMB 0551-0033
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

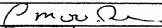
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SUPPLEMENTAL DECLARATION FOR REISSUE PATENT APPLICATION TO CORRECT "ERRORS" STATEMENT (37 CFR 1.175)	Attorney Docket Number	30275/939B
	First Named Inventor	Gerard Mourou
	COMPLETE if known	
	Application Number	09/775,069-Conf. #1906
	Filing Date	February 1, 2001
	Art Unit	1725
Examiner Name	G. S. Evans	

I/We hereby declare that:

Every error in the patent which was corrected in the present reissue application, and which is not covered by the prior oath(s) and/or declaration(s) submitted in this application, arose without any deceptive intention on the part of the applicant.

I/We hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Gerard A.		Mourou	
Inventor's Signature		Date	9/25/04
Name of Second Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Detao		Du	
Inventor's Signature		Date	

☒ Additional inventors or legal representative(s) are being named on the 1 supplemental sheet PTO/S&S/02A or 02J.R. attached hereto.

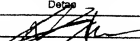
DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet	Page 1 of 1
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Subrata K.		Dutta	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Victor M.		Einer	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Ron		Kurtz	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Paul R.		Lichter	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Xinbing		Liu	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Peter P.		Pronko	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Jeffrey A.		Squier	
Inventor's Signature		Date	

SUPPLEMENTAL DECLARATION FOR REISSUE PATENT APPLICATION TO CORRECT "ERRORS" STATEMENT (37 CFR 1.175)	Attorney Docket Number	30275/939B
	First Named Inventor	Gerard Mourou
	COMPLETE if known	
	Application Number	09/775,069-Conf. #1906
	Filing Date	February 1, 2001
	Art Unit	1725
Examiner Name	G. S. Evans	

I/We hereby declare that:

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Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Gerard A.		Mourou	
Inventor's Signature		Date	
Name of Second Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Dufay		Du	
Inventor's Signature		Date	9/12/07

☒ Additional inventors or legal representative(s) are being named on this 1 supplemental sheet. PTO/SB/02A or 02LR attached hereto.

DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet
--------------------	--

Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Subrata K.		Dutta
Inventor's Signature		Date
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Victor M.		Elner
Inventor's Signature		Date
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Ron		Kurtz
Inventor's Signature		Date
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Paul R.		Lichter
Inventor's Signature		Date
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Xinbing		Liu
Inventor's Signature		Date
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Peter P.		Pronko
Inventor's Signature		Date
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Jeffrey A.		Squier
Inventor's Signature		Date

PTO/SB/515 (07-07)

Approved for use through 07/01/2007. OMB 0651-0033
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

SUPPLEMENTAL DECLARATION FOR REISSUE PATENT APPLICATION TO CORRECT "ERRORS" STATEMENT (37 CFR 1.175)	Attorney Docket Number	30275/939B
	First Named Inventor	Gerard Mourou
	COMPLETE if known	
	Application Number	09/775,069-Conf. #1906
	Filing Date	February 1, 2001
	Art Unit	1725
	Examiner Name	G. S. Evans

I/We hereby declare that:

Every error in the patent which was corrected in the present reissue application, and which is not covered by the prior oath(s) and/or declaration(s) submitted in this application, arose without any deceptive intention on the part of the applicant.

I/We hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:	<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))	Family Name or Surname
Gerard A.	Mourou
Inventor's Signature	Date
Name of Second Inventor:	<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))	Family Name or Surname
Detao	Du
Inventor's Signature	Date

☒ Additional inventors or legal representative(s) are being named on the 1 supplemental sheet PTO/SB/02A (02/01) attached hereto.

PTO/SB/02A (07-07)
U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE
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DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet
		Page 1 of 1
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any)) Subrata K.		Family Name or Surname Dutta
Inventor's Signature <i>Subrata Dutta</i>	Date 8/27/07	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any)) Victor M.		Family Name or Surname Elmer
Inventor's Signature	Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any)) Ron		Family Name or Surname Kurtz
Inventor's Signature	Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any)) Paul R.		Family Name or Surname Lichter
Inventor's Signature	Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any)) Xinbing		Family Name or Surname Liu
Inventor's Signature	Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any)) Peter P.		Family Name or Surname Pronko
Inventor's Signature	Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any)) Jeffrey A.		Family Name or Surname Squier
Inventor's Signature	Date	

**SUPPLEMENTAL DECLARATION
 FOR REISSUE
 PATENT APPLICATION
 TO CORRECT "ERRORS" STATEMENT
 (37 CFR 1.175)**

Attorney Docket Number	30275/939B
First Named Inventor	Gerard Mourou
COMPLETE if known	
Application Number	09/775,069-Conf. #1908
Filing Date	February 1, 2001
Art Unit	1725
Examiner Name	G. S. Evans

I/We hereby declare that:

Every error in the patent which was corrected in the present reissue application, and which is not covered by the prior oath(s) and/or declaration(s) submitted in this application, arose without any deceptive intention on the part of the applicant.

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Name of Sole or First Inventor:			<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname	
Gerard A.		Mourou	
Inventor's Signature		Date	
Name of Second Inventor:			<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname	
Detao		Du	
Inventor's Signature		Date	

☒ Additional inventors or legal representative(s) are being named on the 1 supplemental sheet PTO/SB/02A or 02LR attached hereto.

DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet	
		Page 1 of 1	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Subrata K.		Dutta	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Victor M.		Elner	
Inventor's Signature		Date 09/25/07	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Ron		Kurtz	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Paul R.		Lichter	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Xinbing		Liu	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Peter P.		Pronko	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Jeffrey A.		Squier	
Inventor's Signature		Date	

PTO/SB/15 (07-07)
U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

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SUPPLEMENTAL DECLARATION FOR REISSUE PATENT APPLICATION TO CORRECT "ERRORS" STATEMENT (37 CFR 1.175)	Attorney Docket Number	30275/9398
	First Named Inventor	Gerard Mourou
	COMPLETE IF known	
	Application Number	09/775,069-Conf. #1906
	Filing Date	February 1, 2001
	Art Unit	1725
Examiner Name	G. S. Evans	

I/We hereby declare that:

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Name of Sole or First Inventor:			<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname	
Gerard A.		MOUROU	
Inventor's Signature		Date	
Name of Second Inventor:			<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname	
Delfo		DU	
Inventor's Signature		Date	

☒ Additional inventors or legal representative(s) are being named on this 1 supplemental sheet PTO/SB/15A or SB/15A attached hereto.

FTO/GB/02A (07-07)
 Approved for use through 06/30/2010. OMB 0951-0002
 U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

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DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet	
		Page 1 of 1	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Subrata K.		Dutta	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Victor M.		Einer	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Ron		Kurtz	
Inventor's Signature		Date	
9/15/07			
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Paul R.		Lichter	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Xinbing		Lu	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Peter P.		Pronko	
Inventor's Signature		Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Joffray A.		Squier	
Inventor's Signature		Date	

**SUPPLEMENTAL DECLARATION
 FOR REISSUE
 PATENT APPLICATION
 TO CORRECT "ERRORS" STATEMENT
 (37 CFR 1.175)**

Attorney Docket Number	30275/939B
First Named Inventor	Gerard Mourou
COMPLETE if known	
Application Number	09/775,069-Conf. #1906
Filing Date	February 1, 2001
Art Unit	1725
Examiner Name	G. S. Evans

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Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Gerard A.		Mourou	
Inventor's Signature		Date	
Name of Second Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Detao		Du	
Inventor's Signature		Date	

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PTO/SB/02A (97-07)
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet
		Page 3 of 3
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))	Family Name or Surname	
Subrata K.	Dutta	
Inventor's Signature	Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))	Family Name or Surname	
Victor M.	Elner	
Inventor's Signature	Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))	Family Name or Surname	
Ron	Kurtz	
Inventor's Signature	Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))	Family Name or Surname	
Paul R.	Lichter	
Inventor's Signature <i>Paul R. Lichter</i>	Date <i>8-28-07</i>	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))	Family Name or Surname	
Xinbing	Liu	
Inventor's Signature	Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))	Family Name or Surname	
Peter P.	Pronko	
Inventor's Signature	Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))	Family Name or Surname	
Jeffrey A.	Squier	
Inventor's Signature	Date	

**SUPPLEMENTAL DECLARATION
 FOR REISSUE
 PATENT APPLICATION
 TO CORRECT "ERRORS" STATEMENT
 (37 CFR 1.175)**

Attorney Docket Number	30275/939B
First Named Inventor	Gerard Mourou
COMPLETE if known	
Application Number	09/775,069-Conf. #1906
Filing Date	February 1, 2001
Art Unit	1725
Examiner Name	G. S. Evans

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Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Gerard A.		Mourou	
Inventor's Signature		Date	
Name of Second Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Delao		Du	
Inventor's Signature		Date	

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DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet
		Page <u>1</u> of <u>1</u>
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any)) Subrata K.		Family Name or Surname Dutta
Inventor's Signature	Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any)) Victor M.		Family Name or Surname Einer
Inventor's Signature	Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any)) Ron		Family Name or Surname Kurtz
Inventor's Signature	Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any)) Paul R.		Family Name or Surname Lichter
Inventor's Signature	Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any)) Xinbing		Family Name or Surname Liu
Inventor's Signature	Date 08/27/2007	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any)) Peter P.		Family Name or Surname Pronko
Inventor's Signature	Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any)) Jeffrey A.		Family Name or Surname Squier
Inventor's Signature	Date	

SUPPLEMENTAL DECLARATION FOR REISSUE PATENT APPLICATION TO CORRECT "ERRORS" STATEMENT (37 CFR 1.175)	Attorney Docket Number	30275/639B
	First Named Inventor	Gerard Mourou
	<i>COMPLETE if known</i>	
	Application Number	09/775,069-Conf. #1906
	Filing Date	February 1, 2001
	Art Unit	1725
	Examiner Name	G. S. Evans

I/We hereby declare that:

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Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Gerard A.		Mourou
Inventor's Signature		Date
Name of Second Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Delao		Du
Inventor's Signature		Date


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DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet

Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Subrata K.		Dutta
Inventor's Signature		Date
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Victor M.		Elinor
Inventor's Signature		Date
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Ron		Kurtz
Inventor's Signature		Date
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Paul R.		Lichter
Inventor's Signature		Date
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Xinbing		Liu
Inventor's Signature		Date
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Peter P.		Pronko
Inventor's Signature 		Date Sept. 4, 2007
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Jeffrey A.		Squier
Inventor's Signature		Date

**SUPPLEMENTAL DECLARATION
 FOR REISSUE
 PATENT APPLICATION
 TO CORRECT "ERRORS" STATEMENT
 (37 CFR 1.175)**

Attorney Docket Number	30275/939B
First Named Inventor	Gerard Mourou
COMPLETE if known	
Application Number	09/775,069-Conf. #1906
Filing Date	February 1, 2001
Art Unit	1725
Examiner Name	G. S. Evans

I/We hereby declare that:

Every error in the patent which was corrected in the present reissue application, and which is not covered by the prior oath(s) and/or declaration(s) submitted in this application, arose without any deceptive intention on the part of the applicant.

I/We hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Gerard A.		Mourou	
Inventor's Signature		Date	
Name of Second Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Detao		Du	
Inventor's Signature		Date	

☒ Additional inventors or legal representative(s) are being named on the 1 supplemental sheet PTO/SB/502A or 92LR attached hereto.

DECLARATION **ADDITIONAL INVENTOR(S)**
 Supplemental Sheet Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Subrata K.		Dutta
Inventor's Signature	Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Victor M.		Einer
Inventor's Signature	Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Ron		Kurtz
Inventor's Signature	Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Paul R.		Lichter
Inventor's Signature	Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Xinbing		Liu
Inventor's Signature	Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Peter P.		Pronko
Inventor's Signature	Date	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle (if any))		Family Name or Surname
Jeffrey A.		Squier
Inventor's Signature	Date	

Jeffrey A. Squier 8/27/07